

**Abstract**

This invention relates to an intraparietal reinforcement device (1) that is designed to be integrated in a biological prosthesis (10) as well as to a biological prosthesis (10) that is equipped with such a device. The device (1) is suitable in particular for being placed inside the organic tissue of this biological prosthesis (10) and for reinforcing the structure of the latter so as to keep its shape after implantation.